

ALS31A682MF200

ALS31, Aluminum, Aluminum Electrolytic, 6,800 uF, 20%, 200 VDC, -40/+85°C, 28.5 mm



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General Information

Series	ALS31
Dielectric	Aluminum Electrolytic
Description	Screw Terminal, Aluminum Electrolytic
RoHS	Yes
Lead	Oval Threaded Inserts M5
Mounting	Through-Hole
Typical Component Weight	505 g
Notes	Dimensions D And L Include Slewing. MS (MxH) = M12x16.
Shelf Life	156 Weeks

Dimensions

D	66mm +/-1mm
L	105mm +/-2mm
T	5.5mm +/-0.5mm
S	28.5mm +/-0.5mm
DT	13mm +/-0.5mm
LT	110.5mm +/-1mm
TD	10mm MIN
V	15.8mm NOM
Z	10mm NOM

Packaging Specifications

Slewing	Yes
Packaging	Bulk, Box

Specifications

Capacitance	6,800 uF
Tolerance	20%
Voltage DC	200 VDC, 230 VDC (Surge)
Temperature Range	-40/+85°C
Rated Temperature	85°C
Life	19000 Hrs (Rated Voltage And Ripple Current At 85C), 38000 Hrs (Rated Voltage At 85C)
ESR	27 mOhms (100Hz 20C), 23 mOhms (10kHz 20C)
Ripple Current	15.7 Amps (100Hz 85C), 17.7 Amps (10kHz 85C)
Leakage Current	6000 uA (5min 20°C)

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